



PATENT  
Attorney's Docket No. 43689-016100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Charles Emory Hughes, II, et al.**

Art Unit: 2644

Serial No.: 10/796,199

Examiner: **Unassigned**

Filing Date: **March 10, 2004**

Confirmation No. 2437

For **Optimum Driver Spacing For A Line Array With A Minimum Number  
Of Radiating Elements**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Information Disclosure Statement (Form PTO-1449) in the above-captioned application.

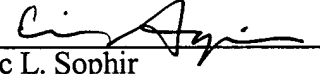
This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits. Thus no fee, petition, or certification is required.

The Commissioner is authorized to charge any additional fees or credit any overcharges to Deposit Account No. 50-0653.


Consideration of the references is respectfully requested.

Respectfully submitted,

Date: July 9, 2004

By:   
Eric L. Sophir  
Reg. Number 48,499  
Telephone No. 703-749-1300  
Facsimile No. 703-749-1301

**CORRESPONDENCE ADDRESS**  
**GREENBERG TRAURIG**  
1750 Tysons Blvd, 12<sup>th</sup> Floor  
McLean, Virginia 22102

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DKT. NO. <b>43689-016100</b>		SERIAL NO. <b>10/796,199</b>	
					First Inventor's Name <b>Charles E. Hughes, II</b>		EXAMINER: <b>Unknown</b>	
					FILING DATE <b>March 10, 2004</b>		GROUP <b>2644</b>	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner's Initial		Document No.	Publication Date	Name	Class	Subclass	Filing Date	
	AA	4,363,115	12/7/1982	Cuomo	367	154		
	AB	4,653,606	3/31/1987	Flanagan	181	145		
	AC	6,128,395	10/3/2000	De Vries	381	387		
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
	AN							
	AO							
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner's Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AP							
	AQ							
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AR							
	AS							
	AT							
	AU							
	AV							
	AW							
	AX							
	AY							
	AZ							
Examiner					Date Considered			